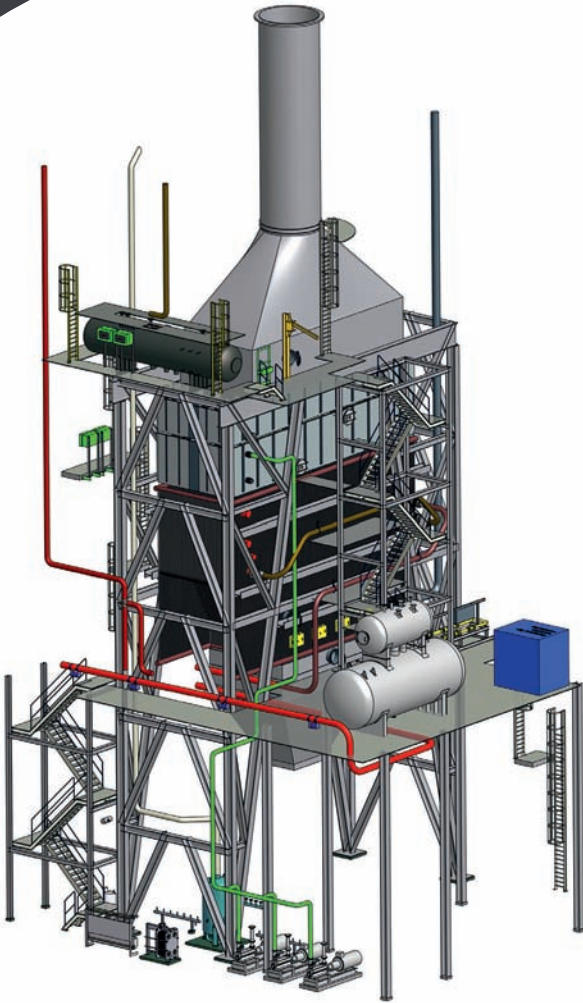


SteamGen™ 8

Siemens Plovdiv, Bulgaria



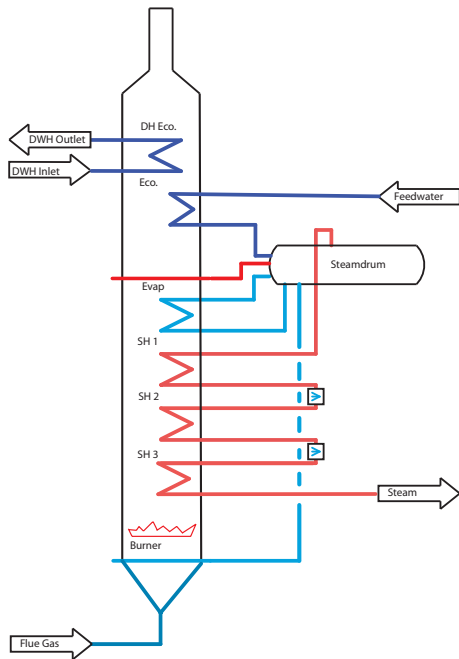
The number of applications using the SteamGen™ 8 is constantly increasing. Now a new solution has been developed.



Aalborg Engineering
understanding energy

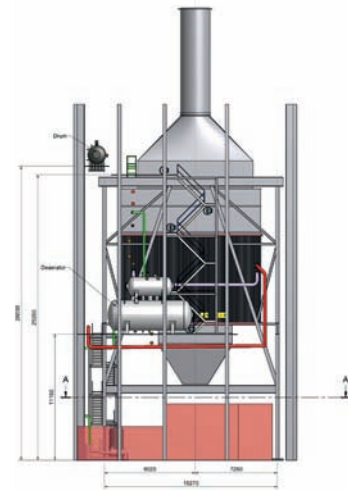
SteamGen™ 8 · Siemens Plovdiv, Bulgaria

Space is a limitation in many indoor Combined Heat and Power Plants. This was also the case in Plovdiv. The smart solution was to place the HRSG on top of the gas turbine. As the end user EVN, the contractor Siemens Sweden and Aalborg Engineering could accept the arrangement this became the logic for this project. The SteamGen™ 8 was selected and with its water cooled combustion chamber the capacity was reached without reaching any limits of the design.



Project Data

Client:	Siemens SWE
Location:	Plovdiv, Bulgaria
Year of commissioning:	2011
Boiler:	SteamGen™ 8
turbine:	Siemens SGT 700
HP Steam capacity:	75 t/h
HP operating pressure:	82.5 bara
HP Temperature:	511°C
Hot water	9.7 MWt



Scope of Supply

- Steel structure, platforms and stairways
- Flue gas ducts
- Steam system
- Drain, vent and blowdown system
- District heating economiser system
- Chemical dosing system, Water & steam sampling system
- Valves and instrumentation
- Instrument cable installation
- Motor control centre
- Supervision of erection



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